

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended). A pressure-sensitive adhesive system comprising a first optically transparent substrate bonded to a second optically transparent substrate with pressure-sensitive adhesive, wherein the first and second optically transparent substrates are optically active liquid-crystal-based display films, wherein the pressure-sensitive adhesive is based on at least 50% of one or more block copolymers, at least one block copolymer being composed at least in part on the basis of (meth)acrylic acid derivatives, the at least one block copolymer comprising at least the unit P(A)-P(B)-P(A), comprising at least one polymer block P(B) and at least two polymer blocks P(A), where

- P(A) independently of one another represent homopolymer or copolymer blocks made up of monomers of group A, the (co)polymer blocks P(A) each having a softening temperature in the range from 0°C to +175°C,
- P(B) represents a homopolymer or copolymer block comprising monomers of group B, the (co)polymer block P(B) having a softening temperature in the range from -130°C to +10°C, and
- the (co)polymer blocks P(A) and P(B) are not homogeneously miscible with one another at 25°C,

and wherein

- the pressure sensitive adhesive has a refractive index $n_{d,a}$ of $n_{d,a} \geq 1.52$ at 25°C,
- at least one of the (co)polymer blocks P(A) has a refractive index $n_{d,A}$ of $n_{d,A} \geq$

1.58 at 25°C, and

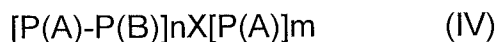
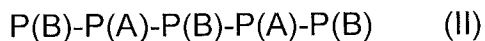
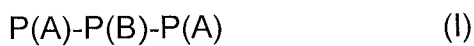
- the (co)polymer block P(B) has a refractive index $n_{d,B}$ of $n_{d,B} \geq 1.43$ at 25°C.

Claim 2 (previously presented). The pressure-sensitive adhesive system of claim 1, wherein

all the (co)polymer blocks P(A) have a refractive index $n_{d,A}$ of $n_{d,A} \geq 1.58$ at 25°C.

Claim 3 (previously presented). The pressure-sensitive adhesive system of claim 1, wherein

one or more of the block copolymers are of one or more of the following formulae:



where

- $n = 3$ to 12, $m = 3$ to 12
- X represents a polyfunctional branching region,
- P(A) independently of one another represent homopolymer or copolymer blocks of monomers of group A, the (co)polymer blocks P(A) each having a softening temperature in the range from 0°C to +175°C and each having a refractive index $n_{d,A'}$ of $n_{d,A'} \geq 1.58$ at 25°C,
- P(B) independently of one another represents homopolymer or copolymer blocks comprising monomers of group B, the (co)polymer blocks P(B) each having a

softening temperature in the range from -130°C to $+10^{\circ}\text{C}$ and each having a refractive index $n_{d,B'}$ of $n_{d,B'} \geq 1.43$ at 25°C .

Claim 4 (previously presented). The pressure-sensitive adhesive system of claim 1, wherein

the ratio of the chain lengths of the polymer blocks P(A) to those of the polymer blocks P(B) is chosen such that the polymer blocks P(A) are present as a disperse phase ("domains") in a continuous matrix of the polymer blocks P(B).

Claim 5 (previously presented). The pressure-sensitive adhesive system of claim 1, wherein the pressure-sensitive adhesive comprises a blend of

- at least one diblock copolymer with at least one triblock copolymer, or
- at least one diblock copolymer with at least one star-shaped block copolymer, or
- at least one triblock copolymer with at least one star-shaped block copolymer.

Claim 6 (previously presented). The pressure-sensitive adhesive system of claim 1, wherein the pressure-sensitive adhesive is admixed with one or more homopolymers and/or copolymers of the form P'(A) and/or P'(B), where

- the (co)polymers P'(A) each have a softening temperature in the range from 0°C to $+175^{\circ}\text{C}$ and each have a refractive index $n_{d,A'}$ of $n_{d,A'} \geq 1.58$ at 25°C ,
- the (co)polymers P'(B) each have a softening temperature in the range from -130°C to $+10^{\circ}\text{C}$ and each have a refractive index $n_{d,B'}$ of $n_{d,B'} \geq 1.43$ at 25°C .

Claim 7 (previously presented). The pressure-sensitive adhesive system of claim 1, wherein the pressure-sensitive adhesive has an outgassing value of not more than 250 pg/g, measured by heating a sample area, measuring 40 cm², of a PET film coated (coat weight 50 g/m²) with the pressure-sensitive adhesive under atmospheric pressure at 100°C for one hour and determining the volatile constituents via GC-MS.

Claim 8 (previously presented). The pressure-sensitive adhesive system of claim 1, wherein the pressure-sensitive adhesive has a fogging value of not less than 98%, measured by heating a sample, measuring 50 cm², of a coated (coat weight 50 g/cm²) PE film with the pressure-sensitive adhesive, under atmospheric pressure at 100°C for three hours and detecting the precipitation, which deposits on a pane of glass, as the 60° reflectometer value, the fogging value being reported as the ratio of this value to the 60° reflectometer value, of the precipitation-free pane of glass, and expressed as a percentage.

Claim 9 (canceled).

Claim 10 (canceled).

Claim 11 (previously presented). The pressure sensitive adhesive system of claim 4, wherein said disperse phase is in the form of spherical, distortedly spherical or cylindrical domains.

Claim 12 (new). A pressure-sensitive adhesive system comprising a first optically transparent pane of glass bonded to a second optically transparent pane of glass with pressure-sensitive adhesive, wherein the pressure-sensitive adhesive is based on at least 50% of one or more block copolymers, at least one block copolymer being composed at least in part on the basis of (meth)acrylic acid derivatives, the at least one block copolymer comprising at least the unit P(A)-P(B)-P(A), comprising at least one polymer block P(B) and at least two polymer blocks P(A), where

- P(A) independently of one another represent homopolymer or copolymer blocks made up of monomers of group A, the (co)polymer blocks P(A) each having a softening temperature in the range from 0°C to +175°C,
- P(B) represents a homopolymer or copolymer block comprising monomers of group B, the (co)polymer block P(B) having a softening temperature in the range from -130°C to +10°C, and
- the (co)polymer blocks P(A) and P(B) are not homogeneously miscible with one another at 25°C,

and wherein

- the pressure sensitive adhesive has a refractive index $n_{d,a}$ of $n_{d,a} \geq 1.52$ at 25°C,
- at least one of the (co)polymer blocks P(A) has a refractive index $n_{d,A}$ of $n_{d,A} \geq 1.58$ at 25°C, and
- the (co)polymer block P(B) has a refractive index $n_{d,B}$ of $n_{d,B} \geq 1.43$ at 25°C.